

WHAT IS CLAIMED IS:

1. A hybrid hotair heater comprising a frame which has first and second outlets formed in its front face and first and second inlets formed in its rear face and in which a gas heater portion constituted of a gas burner and a first air blowing fan arranged below said gas burner so as to mix combustion gas from said gas burner and air sucked through said first inlet in said frame and blast them out of said first outlet into a room and an electric heater portion constituted of an electric heater for heating air sucked in through said second inlet and a second air blowing fan for blasting said heated air out of said second outlet to said room are incorporated in such a manner that air blowing systems of said two heater portions may be independent of each other in partitioning,

wherein each of said gas and electric heater portions is provided with abnormality detection means for detecting an abnormality which inhibits heating by each of said heater portions, so that if an abnormality of one of said heater portions is detected by said abnormality detection means during heating, heating of an appliance is stopped once to operate the other heater portion free of said abnormality for restarting of heating.

2. The hybrid hotair heater according to claim 1, wherein said abnormality detection means is a temperature sensor for preventing said appliance from being overheated.